

Area Formulas App

TI-84 Plus

TI-73 Explorer™

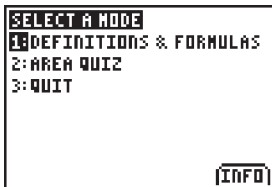
This App reviews the definition and area formula for the rectangle, square, parallelogram, triangle, trapezoid, and circle. The development of the formulas is explained using animation and examples of the calculation of the area are given for each shape. A 15-question multiple-choice quiz is included providing practice at applying the formulas. There are two levels of the quiz and high scores are saved.



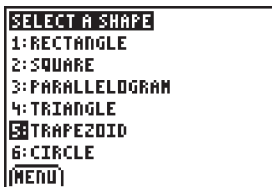
1 _____
With the handheld turned on, press [APPS]. Select AreaForm by pressing the number next to AreaForm or scrolling to highlight the number next to AreaForm. Press [ENTER].



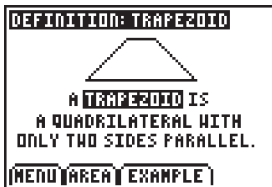
2 _____
Press any key to scroll through the opening screens.



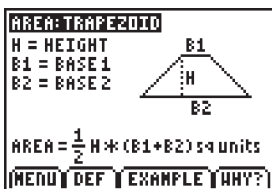
3 _____
Select 1:Definitions & Formulas. Scroll to highlight and select TRAPEZOID.



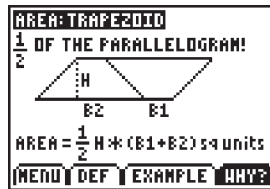
4 _____
Review the use of the Soft Keys. These are keys that appear on the bottom of the Home Screen (MENU, DEF, EXAMPLES, and WHY?). They are activated by using the top row of keys (Y=, WINDOW, ZOOM, TRACE, or GRAPH).



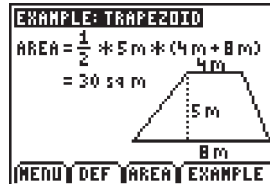
5 _____
Select the DEFINITION screen. Press AREA to go to the AREA screen.



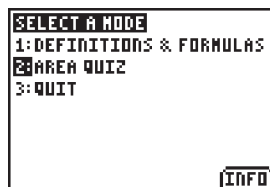
6 _____
At any time, return to the DEF screen, or choose another option, such as EXAMPLE, to see examples of area calculations for a specific shape.



7 _____
Select WHY?. This menu option provides an animated explanation of a formula. In this example, the animation depicts two trapezoids building a parallelogram.



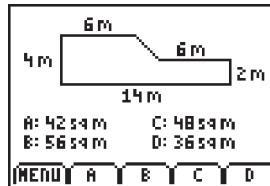
8 _____
Press EXAMPLE to see one of several examples showing how to apply the area formula.



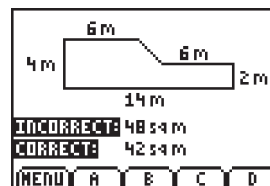
9 _____
Select the QUIZ MENU. From this menu, select the shape to be tested, and in the MODE screen, select 2:AREA QUIZ.



10 _____
Using the arrow keys, select a test level and press [ENTER].



11 _____
Obtain the answers to the quiz by pressing the graphing keys under A-D. For each shape, there are 15 questions, and answers will be evaluated correct or incorrect, so students can review material for classroom quizzes and exams.



12 _____
Once a quiz is completed, the score and the high score will appear on the Home Screen.